# Style

M8 Socket, shielded 6 pin A-coding

### Ratings

Voltage: 30 V Current: 1 A

## **Operating Temperature Range**

-40~105 °C

#### Materials

- 1) Insulator: PA66, UL 94 HB, black
- (2) Pin: C3604 brass, gold flashing
- (3) Nut: C3604 brass, nickel plated
- (4) Shell: C3604 brass, nickel plated
- (5) O-ring: Silicone rubber
- (6) Epoxy: Epoxy resin

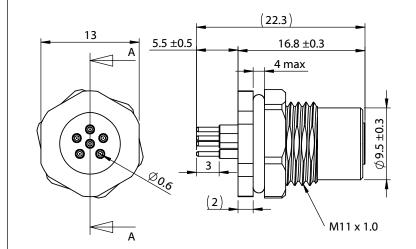
# **Electrical Requirements**

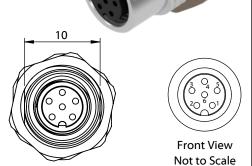
Dielectric strength: 1 min @ 500 Vac Insulation resistance: 100 M $\Omega$  @ 500 Vdc Contact resistance:  $10 \text{ m}\Omega$  or less

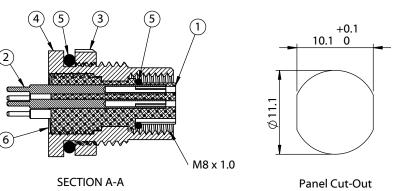
## **Mechanical Requirements**

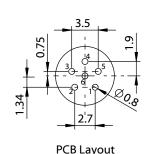
Life cycle: 1000 mating cycles minimum

Environmental Requirements
Salt spray test: 35 °C, relative humidity 90-95%, 5% NaCl mist for 24 hrs. Wash parts after test. Maintain mechanical requirements and a contact resistance of less than 10 m $\Omega$ . Waterproof: IP67









Revision:	Date:	Description:	Pre
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Notes:

**RoHS** compliant

Function test: no open, no short circuit, no intermittent

Description:

Connector, M8 A-code socket, 6 pin, 8xL22.3 mm, panel mount, thru hole, gold plated, IP67

tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com

Size: Part number:

54-00323

Scale: 2:1 Sheet 1 of 1

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